

Solar Energy Storage in Bosnia and Herzegovina





Overview

How much solar energy does Bosnia have?

The average intensity of solar radiation in Bosnia is approximately 1,500 kWh/m² annually. ¹² The national average for kWh per kWp installed in Bosnia annually typically ranges from 1,400 to 1,600 kWh/kWp. ³ According to the data from December 2023, the average price of electricity for households in Bosnia and Herzegovina is \$0.096 per kWh.

Which sector produces res energy in Bosnia and Herzegovina?

Production of RES energy in Bosnia and Herzegovina is dominated by the heating and cooling sector, for which an increase from the baseline 867.2 ktoe to 1085.2 ktoe in 2020 was planned. In addition, the share of electric energy sector in production of RES energy in the planned period increases from the baseline 444.2 ktoe to 760.6 ktoe in 2020.

How much does electricity cost in Bosnia and Herzegovina?

According to the data from December 2023, the average price of electricity for households in Bosnia and Herzegovina is \$0.096 per kWh. This includes all components of the electricity bill such as the cost of power, distribution and taxes. For businesses, the average electricity price in Bosnia and Herzegovina is \$0.109 per kWh. ⁴

How much sunlight does Bosnia get a year?

Bosnia receives approximately 2,100 to 2,500 hours of sunshine per year. The average intensity of solar radiation in Bosnia is approximately 1,500 kWh/m² annually. ¹² The national average for kWh per kWp installed in Bosnia annually typically ranges from 1,400 to 1,600 kWh/kWp. ³



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Wind farms with a capacity of 3,800 MW and solar power plants with a capacity of 12,500 MW are currently in various stages of development in Bosnia and Herzegovina, ...

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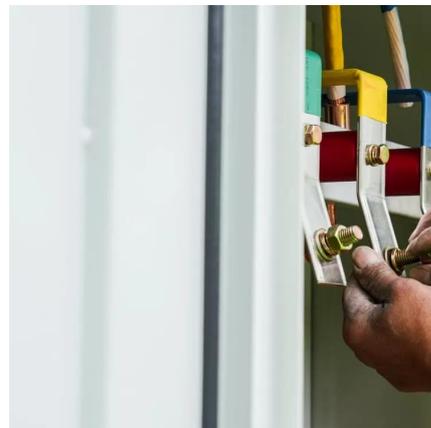
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